

## EAST Search History

S38	16	(signature certificate)adj (device generation) and multiple adj (parameter attribute)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:04
S39	15	S38 not S37	US-PGPUB; USPAT; EPO	OR	ON	2006/04/02 20:26
S40	16	S38 not S36	US-PGPUB; USPAT; EPO	OR	ON	2006/04/02 20:26
S41	5	S38 not S35	US-PGPUB; USPAT; EPO	OR	ON	2006/04/02 20:26
S42	46	(SCHEIDT near EDWARD KOLOUCH near JAMES DOMANGUE near ERSIN near L ODELL near MARK near A TSANG near WAI near LIN ).in.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 21:57
S43	12	(SCHEIDT near EDWARD KOLOUCH near JAMES DOMANGUE near ERSIN near L ODELL near MARK near A TSANG near WAI near LIN ).in. and prime.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 13:25
S45	1	"6885747".pn.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:10
S46	325	electronic adj signature near4 (device document data content inforamtion video)	USPAT; EPO	OR	ON	2006/09/28 15:21
S47	3503	(electronic adj (signature sign\$4)) near4 (device document data content inforamtion video)	USPAT; EPO	OR	ON	2006/09/28 16:10
S48	1	S47 same ((generat\$4 deriv\$4 creat\$4 caculate\$4 ) with ((key\$4 crypto\$4)near5 (partial combin\$4 portion segemnt\$3)))	USPAT	OR	ON	2006/09/28 15:29
S49	23	S47 and ((generat\$4 deriv\$4 creat\$4 caculate\$4 ) with ((key\$4 crypto\$4)near5 (partial combin\$4 portion segemnt\$3)))	USPAT	OR	ON	2006/09/28 16:27
S50	13	electronically adj signing adj document	USPAT; EPO	OR	ON	2006/09/28 15:32
S51	1	"5195133".pn.	USPAT; EPO	OR	ON	2006/09/28 15:32
S52	48	("5195133").URPN.	USPAT	OR	ON	2006/09/28 15:32
S53	14	("6401206").URPN.	USPAT	OR	ON	2006/09/28 15:32
S54	14	("6401206").URPN.	USPAT	OR	ON	2006/09/28 15:32
S55	6	("6553494").URPN.	USPAT	OR	ON	2006/09/28 15:32

## EAST Search History

S56	0	personalizing adj electronic adj signature adj device	USPAT; EPO	OR	ON	2006/09/28 15:32
S57	0	personalizing adj electronic adj signature	USPAT; EPO	OR	ON	2006/09/28 15:32
S58	6	persona\$3 adj electronic adj signature	USPAT; EPO	OR	ON	2006/09/28 15:32
S59	7	persona\$3 adj electronic adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S60	50	("4339807"   "4405829"   "4462473"   "4748668"   "4885777"   "4993068"   "4995081"   "4995082"   "5101437"   "5111512"   "5163097"   "5193114"   "5195133"   "5202930"   "5203263"   "5222138"   "5229764"   "5280527"   "5337358"   "5369702"   "5386369"   "5434917"   "5434928"   "5465299"   "5490217"   "5508817"   "5510992"   "5541994"   "5544255"   "5586037"   "5606609"   "5613004"   "5721788"   "5748737"   "5818936"   "5943423"). PN. OR ("6401206").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 15:32
S61	0	signature adj device and ((prime sub base) near2 paramter)	USPAT; EPO	OR	ON	2006/09/28 15:32
S62	0	signature adj device and ((prime sub base) near2 paramter)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S63	0	signature and ((prime sub base) near2 paramter)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S64	1	signature adj device and ((prime sub base) near2 parameter)	USPAT; EPO	OR	ON	2006/09/28 15:32
S65	572278	prime adj parameter and sub adj parameter and base parameter	USPAT; EPO	OR	ON	2006/09/28 15:32
S67	0	prime adj parameter and sub adj parameter	USPAT; EPO	OR	ON	2006/09/28 15:32
S68	0	prime adj parameter and base adj parameter	USPAT; EPO	OR	ON	2006/09/28 15:32
S69	0	prime adj parameter and sub adj parameter and base adj parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S70	3	signature adj device and private adj key with parameter	USPAT; EPO	OR	ON	2006/09/28 15:32
S71	1	wireless adj ad-hoc adj network with firewall	USPAT; EPO	OR	ON	2006/09/28 15:32

## EAST Search History

S74	3	wireless adj ad-hoc adj network near25 firewall	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S75	2	"5805803".pn.	USPAT; DERWENT	OR	ON	2006/09/28 15:32
S76	2	"6088702".pn.	USPAT; DERWENT	OR	ON	2006/09/28 15:32
S77	2	"6408336".pn.	USPAT; DERWENT	OR	ON	2006/09/28 15:32
S78	5	signature adj device and ((prime sub base multiple ) near2 parameter)	USPAT; EPO	OR	ON	2006/09/28 15:32
S79	2	("6490680" "5195133").pn.	USPAT; EPO	OR	ON	2006/09/28 15:32
S80	48	("5195133").URPN.	USPAT	OR	ON	2006/09/28 15:32
S81	0	signature adj (device generation) same multiple adj parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S82	0	signature adj (device generation) with multiple adj parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S83	10	signature adj (device generation) and multiple adj parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S84	12	signature adj (device generation) and multiple adj (parameter attribute)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:35
S85	0	S83 not S84	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S86	2	S84 not S83	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S87	18	(signature certificate)adj (device generation) and multiple adj (parameter attribute)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S88	16	S87 not S86	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S89	18	S87 not S85	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S90	6	S87 not S84	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 15:32
S91	1	"5778069".PN.	USPAT; USOCR	OR	ON	2006/09/28 15:40

## EAST Search History

S92	1	"5751808".PN.	USPAT; USOCR	OR	ON	2006/09/28 15:40
S93	1	"5778069".PN.	USPAT; USOCR	OR	ON	2006/09/28 15:41
S94	12	("4145568"   "4864616"   "5168371"   "5276738"   "5541994"   "5627894"   "5664177"   "5710815"   "5751808"   "5778069"   "5796826").PN. OR ("6885747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 15:42
S95	1	S47 same (shared common) adj key with (first second ) adj public adj key	USPAT; EPO	OR	ON	2006/09/28 16:25
S96	39	S47 and ((combin\$4 concatena\$4 compos\$4 bind\$4 ) with ((key\$4 crypto\$4)near5 (partial combin\$4 portion segemnt\$3)))	USPAT	OR	ON	2006/09/28 16:28
S97	41	("20020062451"   "20020071554"   "20020076045"   "20020080970"   "20030039358"   "20030172280"   "20040101139"   "20040208316"   "4145568"   "4200770"   "4218582"   "4864616"   "5208853"   "5276738"   "5347580"   "5499297"   "5541994"   "5557678"   "5623546"   "5627894"   "5689566"   "5694472"   "5710815"   "5751808"   "5761305"   "5778069"   "5815573"   "5857025"   "5991406"   "5991408"   "6009177"   "6185685"   "6490680"   "6542608"   "6549623"   "6606386"   "6608901"   "6684330"   "6816970"   "6845453"   "6885747"). PN. OR ("7111173").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 18:06
S98	14	(SCHEIDT near EDWARD KOLOUCH near JAMES DOMANGUE near ERSIN near L ODELL near MARK near A TSANG near WAI near LIN ).in. and biometric.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 20:14
S99	5	(SCHEIDT near EDWARD KOLOUCH near JAMES DOMANGUE near ERSIN near L ODELL near MARK near A TSANG near WAI near LIN ).in. and signature.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 20:15
S10 0	0	tecsec.as. and (bometric and signature).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 20:16
S10 1	2	tecsec.as. and (biometric and signature).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/28 20:16